# Journal of the American Society of Professional Graphologists

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Volume One Fall 1989

# THE JOURNAL OF THE AMERICAN SOCIETY OF PROFESSIONAL GRAPHOLOGISTS

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- To present theoretical and research papers in scientific graphology according to traditional academic standards.
- 2. To create a forum for helping graphology gain a wider academic and professional audience in America.
- 3. To interface with the international professional graphological community.

## **GENERAL INFORMATION**

Manuscript inquiries should be addressed to Marc Seifer, Editor, Box 32, Kingston, RI 02881. Inquiries concerning subscriptions and memberships should be addressed to Thea Stein Lewinson, 9109 North Branch Drive, Bethesda, MD 20817.

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# PRINTSCRIPT ANALYSIS

A Graphologist's Dilemma Through the Ages: A new approach to the psycho-diagnosis of an increasing number of printscripters in the modern world.

Daniel S. Anthony

With sincere appreciation to Almut Crosslin for her suggestion of the subject and her untiring organizing skill in the preparation of this paper.

To the memory of my wife

Florence R. Anthony

#### **ABSTRACT**

Because more than a third of the applicants at a large industrial corporation in the United States preferred printscript over cursive writing, this author felt it necessary to alert world graphologists to the importance of accurate printscript evaluations.

### INTRODUCTION

The historical origin of man's first attempt at written communication has been found in the printed characters best adapted to chiseling on stone plates by the Phoenicians, Sumarians and Etruscians. Early Chinese pictographic representational symbolism was incised in clay in a more fluid and rounded manner.

With the advent of Leonardo's Italic cursive, and the more widespread use of handwriting as a rapid means for communication, letters became more connected. With connection, elaborations became more frequent, like the calligraphic, pictorial scripts of the intellegentsia of the Italian Renaissance, so beautifully depicted in the book *Sweet Roman Hand*, by Wilfrid Blunt.

But even now, the first writing every child in the western world learns is block cap followed by manuscript. In the second or third grade, one is then taught to connect letters and learn to write cursively. However, at an indeterminate stage in every person's life, he or she may opt for a preferred printscript rather than the cursive copy book style that was taught as the preferred transition writing.

# **BACKGROUND**

Since 1960, when I began teaching graphology at the New School For Social Research in New York City, I have been concerned about the reluctance of the great authors of books on handwriting analysis to tackle the enigma of the printscript writer. Therefore, I had slides made of all the printscripters in my files, famous or unknown, to acquaint my students with the growing necessity to learn more about analyzing these rejected members of our society. From this research, I can say that the a priori assumption that printscripters have chosen for sinister motivations a style of writing that presents a deceptive or distorted facade of their true personalities is unfounded.

Fortunately, the files I have accumulated through my personal and industrial practice over the past 30 years have supplied me with the evidence needed to support these early assumptions. At the same time they have also provided material necessary for teaching other graphologists how to become experts in the analysis of printing. With the increasing use of computers and word processors and the diminishing emphasis on Palmer method and other copy book standards, it is possible that the need for cursive writing speed may diminish. Forced to compete with these mechanical models for legibility and simplicity to communicate, the written message of the future may increase towards a block printing.

#### WHAT CONSTITUTES A PRINT SCRIPT WRITING?

Webster's dictionary defines ORTHOGRAPHY as "the art of writing words with the proper letters according to standard usage; correct spelling; also mode of spelling." It generally refers to printed symbols. The word stems from the Greek "ortho" or correct, and "graphien" to write. So, a printscript writer is one who gravitates towards, prefers and chooses an orthographic style in which the majority of letters are separated and/or printed in the manuscript mode or block capital printscript alphabet of the country of origin.

#### WHY ONE CHANGES TO A PRINTSCRIPT

The following questions were given to a large number of printscript writers to determine why they adopted the orthographic style.

- 1. Do you recall when you changed from cursive, connected, copybook writing to a preferred printscript? Approximately how old were you?
- 2. Why did you make the change? Can you state all the reasons for the shift.
- 3. Why do you prefer print to cursive writing?
- 4. Did any one or more persons influence your transition or was it your own decision?
- 5. Are there any other reasons you can think of?

After reviewing their responses, the following findings were revealed.

- 1. About 1/3 of the population of my professional clients prefer printscript over exclusive use of cursive writing.
- 2. Many thought their cursive writing was illegible to them and to others. As the purpose of writing is to communicate, these people attempted to maximize this goal.
- 3. Many disliked the ugly, chicken-scratch appearance of their copy book cursive model of writing.
- 4. Some left handers found it manually difficult to conform to the left-to-right practice of moving against the grain of his or her genetic neuro-muscular, psycho-motor impulses. This was also true for some right handers. In other words, they felt more comfortable controlling legibility and letter formation through printing as compared to writing.
- 5. An unconscious fusion of two or more of the above factors may have triggered the transformation from cursive to printscript handwriting.

# A STATISTICAL EVALUATION

The following study was conducted based upon 278 industrial employees and personnel candidates from Polycast, a Fortune 500 plastics corporation.

# Significant Findings:

1. 100 or 36% of the heterogeneous population chose printing as the preferred mode of written communication.

2. This group achieved scores on the Anthony 14 factor character and personality

scale generally higher than cursive writers.

3. 16%, or 16 of the printers were women.

4. 02% of this female group are left handed writers.

5. 84% or 84 of the printers were male.

6. 15% of this male group are left handed writers.

# THE USE OF BACKGROUND INFORMATION BY THE GRAPHOLOGIST

Many disciplined graphologists from the old school of conventional wisdom are reluctant to request personal information about subjects, and criticize use of such information. My answer to critics over the past 30 years is as follows: No professional graphologist should ever be forced to speculate on, guess about or attempt to extrapolate necessary vital statistics from the handwriting alone. Not only must the professional know the gender and hand with which the subject writes, he or she must also know the age, height and weight, educational background, last position, highest previous salary, country of origin of writing style, marital status and number of children.

The goal of the professional graphologist, is to accurately evaluate the hand-writings of clients. It is not to prove that graphologists can discern something about a person without having access to any personal data. That goal is for a scientific study on the validity of graphology (of which there are many). Through the years, I have encountered only three commercial clients who questioned my right to

information on vital statistics.

All the personnel managers and executive corporate officers of the companies for whom I do analyses are instructed to offer a variety of pens and pencils which subjects may use, if they do not have their own favorite instrument with them. The subjects are also given a magazine and told they must place it under the form they are filling out. Vital statistics are received through the questionnaire form that they fill out and by access to their vita. Through telephone communication and follow-up studies I have calculated my success rate in analyzing handwritings for corporate clients at above 85%.

# THE ANALYSIS

All evaluations were based upon the the Anthony 14 item standard scale. Other factors were also taken into consideration such as the Psychogram, the 9 signature protocol page, diagrams of the unconscious and touchpoint analysis. As stated above, the vita of the client was also utilized.

#### THE ANTHONY 14 ITEM STANDARD SCALE

Through working with corporate clients in the field of personnel selection, the following 14 factors comprising a personality inventory were isolated:

- 1. Self starting capacity
- 2. Adaptability and trainability
- 3. Self confidence with ego drive
- 4. Communicating skills
- 5. Enthusiasm and persuasiveness
- 6. Purposeful intelligence
- 7. Emphatic intuition
- 8. Flexibility and spontaneity
- 9. Perseverance and resilience
- 10. Dependability and responsibility
- 11. Competitive-aggressive drives
- 12. Resourcefulness and ingenuity
- 13. Dominating dollar drive
- 14. Motivation for success

Each factor is graded on a percentile basis, and a succinct explanatory phrase referring to aspects of the handwriting is included.

#### **EXAMPLES**

#### **THOMAS**

Figure 1 is our first unusual mixed style writer. His name is Thomas, and he is a 36 year old traffic controller for warehousing of inventory. Line 1 depicts a block cap printed name and a cursive signature. On the second line note that a cursive e is placed in the block cap word CHARTER. This automatic cursive slip would place the writer into the mixed type category. Line 3 depicts traditional American copybook penmanship block capitals for the letters MBA.

Line 4 contains the word Consultant. It consists of an unelaborated, block cap C, followed by a well spaced, modestly articulate small o; followed by an equal sized block cap printed n; then an artistically modified block cap s, followed by a most economical u, and then the equally tall, sparse manuscript It, each of which slants slightly to the left of the perpendicular. The middle zone is comprised of mixed sized block cap letters except for a lowercase t which has a modest, yet forward pushing crossbar at the same relative height as the rest of the letters of this zone. The final letters ant are all horizontally expanded, and block cap. The sense of professionalism Thomas feels about being an MBA consultant, is symbolized by the rather strongly designed, orthographic terminal T bar.

The word married on line 5 is made up of block cap letters, except for the drawn letters ie, which are manuscript or detached cursive. Cursive writing can also be

seen on the first word of line 6. The w of why is round, garlanded, and contains the double u structure of the cursive with the second u broader and more horizontally expanded than the first angled u of the w. The h is simply designed, book print model; and the y is formed like the cursive, with an unusual, beginning up stroke which persists throughout the remainder of this content page. All three letters of why follow a back hand slant of about 2 degrees left of perpendicular.

The personal pronoun I on line 6 consists of two dominating and expressive horizontally expanded bars which enclose the subordinated, rightward concave I staff in an almost mothering and umbrella-like protective shield. Note also that the writer adapts the same 10mm interword spacing before and after the cap I

unconsciously balancing their placement.

Moving on to the word would, the double u garlands which compose the w seem to be symbolic of the manner in which he modifies block cap intentions into quasicursive realities. The three lower case letters oul, are economically simple manuscript letters followed by an open looped, cursive d. again indicating a mixed

type.

Tom's propensity towards an involuntary, if not unconscious mixing of block-cap, manuscript and cursive orthographies is depicted in the following word, like. L is a block cap with a convexly rounded horizontal transverse on the base line. Note the height of the block cap L in relation to the heights of the d of would, the i dot and the heights and the base line placement of the word to. Use of a ruler demonstrates interword touchpoint diminuendo remindful of the similar graphic in the word CHARTER above. Here we see a display of a diagram of unconscious, intuitive aesthetic organizing talent.

Staying with the same word, the lower case i, has the dot placed along the touchpoint axis suggesting that the d of would and the following word like were written in one continual motion. This hypothesis is supported by the connected ke which are two letters symptomatic of his natural drift into effective letter linkage. The simply drawn cursive e allows him to end the word with a modest garland

terminal stroke.

The following word, to, is a rare example of consistent equal-sized letter combinations. More often than not, his to words are manuscript and cursively connected.

I have selected the word ADORNS as an acronym to alert the graphologist to the special orthographic significance of these letters in the random, pell mell unconscious choices of word formation this writer selects. Examine the structure of the word ideas, line 20. This cursive printscript is a succinct articulation of an artistically simple graphic expression.

PLEASE COMPLETE THIS PAGE IN YOUR OWN HANDWRITING CHARTER AGE 36 YEARS EDUCATION H.BA RIGHT HAND WEIGHT 157 AST POSITION CONSULTANT HIGHEST SALARY 63,000 LEARNED TO WRITE: STATE COUNTRY N.Y. JUSA. MARITAL STATUS MARRIED # OF CHILDREN PLEASE WRITE, OR PRINT IF YOU PREFER AT LEAST 150 WORDS ON "WHY I WOULD LIKE TO WORK FOR THIS ORGANIZATION," "WHAT I WOULD MOST LIKE TO DO IN THE FOTURE AND WHY". would Like To work for this ORGANIZATION ... 9 SATISFY Some pensonal GOALS. Both professional And 10 Monetary, I feel Polycopor, being A small growing company 11 w:11 Afford me the opportunity to make significant contribution 12-to achieve my goals.

13 I will boing my my technical skills (Chemical Engineering. 14 dayres and M. B.A.) As well my management experience 15 (over 11 years with a Fortune 100 company) to meet the 16 Challenges facing All growth companies. Polycast also offers an provincement to be creative 18 in implementing new programs, which allows an individual "people" company operating 19 to take "Risks" IT is 20 lear which means New 1000s know programs can be 21 implemented quickly Avoiding prochastination. More importantly, Polyepst offers the potentialy for 23 A Successful person the oppositionity to Advance quickly in the 24 organization. This nears taking on more responsibility and 25 SIGNATURE greater involvement in the docision Making capacity in some Polycost and myself, will make a good professional manninge. COPYRIGHT 1967 DANIEL S. ANTHONY

<sup>1:</sup> Handwritten job application. Note mixing of cursive with printscript.

# Printscript Analysis

#### **PSYCHOLOGICAL EVALUATION** OF PERSONALITY FACTORS - FORM A -

Technology Corporation	PER	4. ICENTIL ICORE
Versatile, varied and imaginative.		
Quick in crucial decision making	90	A
Knows he is super sharp and can adjust to any		
and all production problems: Tops.	93	Α
Self confidence  A rare combo. Looking for ever greater with ego drive		
chances to prove his stuff	92	A
A sophisticated, upwardly executive		
team, creative articulator	91	A
husiasm persuasiveness  Both exude instinctively in a practical,		
productive, industrious process: innovative.	89	A
Every thought and decision he makes flow		
	94	A+
	87	A-
	88	A-
and resilience	86	A-
	85	B+
	92	A
	95	A+
Knows he is workt a lot and should work hard		
A The Control of Contr	87	A-
Superior, will be inspirational role model		
for his team and colleagues.	93	A
An excellent choice for this position	90	A
Just keep him inventively busy and working his ass off		
on the other side of any corporate fence in which he i		
	Versatile, varied and imaginative.  Quick in crucial decision making  Knows he is super sharp and can adjust to any and all production problems: Tops.  A rare combo. Looking for ever greater chances to prove his stuff  A sophisticated, upwardly executive team, creative articulator  Both exude instinctively in a practical, productive, industrious process: innovative.  Every thought and decision he makes flow from a life style of self worth  Knows he's especially sensitive and egocentric.  Focusses on psycho-problems.  Zeros in in company and people problems with equal acuity. An all-around operator Will persevere if his growth is constant.  Feed him as much exec. trouble as you can Great, so long as he advances and is praised.  Needs approval for his stellar competence.  Tremendous, has to be first with the most in any duty he takes: a fighter Abundant, will soon believe he must become president of Polycast on creativity alone  Knows he is worht a lot and should work hard to make big profits for Polycast  Superior, will be inspirational role model for his team and colleagues.  An excellent choice for this position  Just keep him inventively busy and working his ass off to get his next promotion. The grass is always greener	Versatile, varied and imaginative.  Quick in crucial decision making  Knows he is super sharp and can adjust to any and all production problems: Tops.  A rare combo. Looking for ever greater chances to prove his stuff  A sophisticated, upwardly executive team, creative articulator.  Both exude instinctively in a practical, productive, industrious process: innovative.  Every thought and decision he makes flow from a life style of self worth  Knows he's especially sensitive and egocentric.  Focusses on psycho-problems.  Zeros in in company and people problems with equal acuity. An all-around operator  Will pensevere if his growth is constant.  Feed him as much exec. trouble as you can Great, so long as he advances and is praised.  Needs approval for his stellar competence.  Themendous, has to be first with the most in any duty he takes: a fighter Abundant, will soon believe he must become president of Polycast on creativity alone  Knows he is wornt a lot and should work hard to make big profits for Polycast Superior, will be inspirational role model for his team and colleagues.  An excellent choice for this position  Just beep him inventively busy and working his ass off to get his next promotion. The grass is always greener

2: The Anthony 14 point personality factor scale.

#### **PAMELA**

When I did my first evaluation of Pam K. in December of 1987, she had been working for over a year as assistant manager of the customer sales department for a publishing company. She is a graduate of a marketing program from a state university in New York, and has expertise in computers and with the Lotus program.

Note the palpable variations in size, signatures and style of printing in Figure 3. Referring to the top lined section, we note an exceedingly fluent and mature block cap printscript as compared with the relatively low form level cursive writing beneath. For instance, note in the block cap word SINGLE, line 5, the creative and energetics, simplified g, upward thrust of the latter part of the word and enthusiastic extension on the e. Compare this graphic expression to the cursively written word education on line 7. Like other cursive words down the page, this word appears stagnant and slowly written. Overall, lateral strokes are weak, the slant is inconsistent, and the page is arhythmic as compared to the block cap words.

Why would anyone so bright as demonstrated in her high form level orthographic script resort to a more mundane and conventional graphic means of expressing her

thoughts and feelings?

I did not resolve the riddle until June of 1988 when I received 10 photocopy pages of the libidinously creative and liberated woman which, although a printscript, is really the cursively connected and self actualized true picture of herself, Figure 4. This late specimen is the naturally expanded graphic expression of her productive personality and unique character. Note in particular the connectedness and dynamic flow on line one, on the word along; the highly simplified th combination in with, line 2; and the exciting use of the Greek e which blends well with the overall design of the script. Lateral strokes are now also expanded. See the t-bar of point, line 4. In telephone calls to her, I suggested that she might soon begin to recognize her full innovative potential if she practices converting her ambivalent cursive signature into her easily connected block cap style.

### HERBERT

Figure 5 contains the handwriting of Herbert Engelhardt, one of the brightest men I have ever known. Herb is a businessman and also college professor at New York University. One of his most significant achievements has been the ability to take a the Polycast Corporation which was \$30 million in debt and turn it around into one with assets of over \$500 million dollars. He is a highly educated renaissance man, knowledgeable in both the world of art and literature and the world of corporate high finance. As a business person he can be hard-nosed tyrant at times, and also one of the kindest of men.

If we look at his printed name on line 1, note that it is cursively connected between all letters except the air stroke linkages between his cap E of Engelhardt and the following N and between the H and A of his family name. His signature on this same line is totally linked between all letters even including his first and last name. This

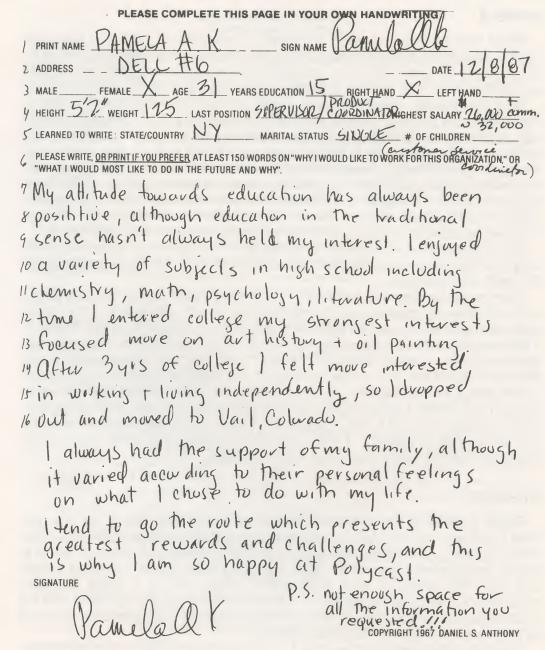


Figure 3: The printing at the top is more dynamic than the handwriting.

Pam K's Printscript

WITHOUR ODEQUES STAFFING, DONCE ALONG
WITH OUR ONGOING FRAINING PROGRAMS
WE HAVE BEEN APRE TO GREATEY REDUCE
PARTIAL LATES & CREDITS TO TO ME POINT
WITHE I CAN CONFIDENTY SAY MY GOAR
FUN CENTAIN NIPE OF CREDITS FRANTIMES
IS ZERDOWEN THE NEXT 3 MONTHS.

AS THE DEPART MENT FILLED OUT, I WAS
THE TO IMPLEMENT SOME NEW PRODUCTIONS
TO BENEFIT THE CUSTOMER AS WELL AS
THE COMPANY.

THE FOLLOW UP MOGRETM SORUED AS A
TESTING GROUND FOR OUR CURRENT BECEMENTAGETA
PROGRAM. IT WAS INTENDED TO BE A
SIMPLE YET EFFECTIVE WAY TO MAKE
SUNCE WE LEFT NO MONEY ON THE
TABLE AT THE END OF EACH DAY.

UN A WEEKLY BASIS THE REPS WEEKLS
LOOKED BACK THROUGH THE QUOTE BOOKS.

THAD NOT BECOME UNDERS, THEY WERE
IN DERIVERY, AVAILABILITY OF STOCK,
THULL SCHEDULES EVEN EXCESS INVENTIVY
METERE PLACING THE CALL MAS NECHERUED.

<sup>4:</sup> Note the connected and dynamic flow of the printscript. Compare to Figure 3, who is the same writer.

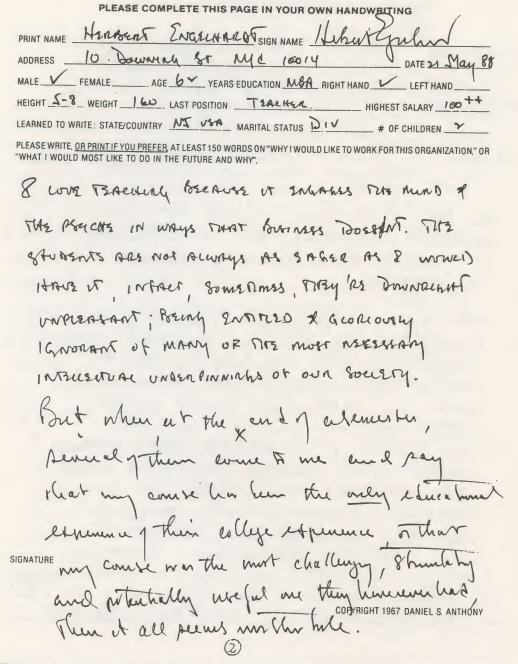


Figure 5. Note cursively connected printscript at top and high for level normal cursive writing at bottom

propensity toward letter connections is repeated in both of the content specimens he has written at our request. Lines 2 to 12 contain his printscript request specimen, while lines 13 to 19 represent his requested cursive handwriting. It is my opinion that both of these specimens are superior in the quality and unconscious form level expressiveness. In high level handwritings, when we find that the print script does not differ too much from the cursive, we also find evidence that there is a higher degree of emotional/intellectual stability in a psychoanalytic sense. I believe also that any professional graphologist comparing these two modes of handwriting should be able to evaluate the printscript with great accuracy, even though the printed forms are not this writer's preferred method of communication.

#### CONCLUSION

If the graphologist can become as confident of his analytical printscript expertise as he has been with his ability to master the conventional wisdom evaluating cursive handwritten specimens, we will be far better equipped to master the challenge facing all of us as we approach the 21st century of word processors and computers and who knows, what other invention to eliminate the use of the handwritten word.

BIOGRAPHY: Daniel S. Anthony received his B.A. degree from Brown University in 1935. For the years 1961-62, Dan was a Ford Foundation Research Fellow at Rutgers University, Urban Studies Center in criminology, sociology and psychology. He began teaching graphology at the New School For Social Research in 1959 and expanded Klara Roman's courses to a seven semester program which he taught with his wife, Florence, up until their move to Florida in 1980. Dan has also lectured on the topic at Harvard, Princeton, and New York University, at the National Convention of the American Psychological Association in New York in 1966 and the First International Congress of Handwriting Experts in Amsterdam, Holland also in 1966. Featured in the Wall Street Journal, Glamour, Newsweek, Vogue Magazine and the New York Post, Dan's publications include "Graphology" in Taboo Topics, N. Farberow, Ed., Atherton Press, 1963; "Is Graphology Valid?" Psychology Today, August, 1967; "Diagrams of Unconscious Configurations in the Execution of the Signature" in Experiencing Graphology, Freund Publishing House, Tel Aviv, 1989; and his textbook Guide to the Psychogram, New School For Social Research, New York, first published in 1964.